

IN THE CLAIMS:

Please cancel claims 1-23 without prejudice or disclaimer, a substitute new claims 24-46 therefor as follows:

Claims 1-23 (Cancelled).

24. (New) A method for transferring objects between a first and a second platform, said platforms providing a reflection framework adapted to allow introspection of the meta-information that describes the structure of said objects, comprising: the step of translating said objects to be transferred into XML payloads by reading the characteristics of said objects through said reflection framework, thereby carrying out introspection of the meta-information that describes the structure of the classes of said objects.

25. (New) The method of claim 24, comprising the step of transferring said objects translated into XML payloads from said first platform to said second platform by means of an asynchronous delivery facility.

26. (New) The method of claim 25, comprising the step of re-translating said objects transferred as XML payloads to said second platform into objects of said second platform.

27. (New) The method of claim 24, wherein said step of translating comprises:
writing a start document;
reading the respective objects properties through said reflection framework;
writing the property name and value if said property is basic type;

writing the property name and calling recursively if said property is object type;
and
writing the property name and value of all components if said property is array type.

28. (New) The method of claim 26, wherein said step of re-translating comprises:

resolving a class name from a document name;
creating an object of said second platform and pushing it on a stack; and
either pushing the XML content on stack or pushing a new object on stack after getting the property type of object on stack; or
popping a value and assigning it to a top object.

29. (New) The method of claim 24, comprising the step of selecting at least one of said first and second platforms as a Java platform.

30. (New) The method of claim 24, comprising the step of selecting at least one of said first and second platforms as a .Net platform.

31. (New) The method of claim 25, comprising the step of selecting said asynchronous delivery facility as a peer-to-peer delivery facility.

32. (New) The method of claim 25, comprising the step of selecting TCP as said asynchronous delivery facility.

33. (New) The method of claim 25, comprising the step of selecting UDP as said asynchronous delivery facility.

34. (New) The method of claim 25, comprising the steps of providing in said second platform

at least one connector of said delivery facility as well as a set of worker threads for carrying out the requested operations; and

a reactor function for decoupling said at least one connector from said set of worker threads.

35. (New) A system for transferring objects between a first and a second platform, said platforms providing a reflection framework adapted to allow introspection of the meta-information that describes the structure of said objects, comprising: a translator module configured for translating said objects to be transferred into XML payloads by reading the characteristics of said objects through said reflection framework, thereby carrying out introspection of the meta-information that describes the structure of the classes of said objects.

36. (New) The system of claim 35, comprising an asynchronous delivery facility for transferring said objects translated into XML payloads from said first platform to said second platform.

37. (New) The system of claim 36, comprising a re-translator module configured for re-translating said objects transferred as XML payloads to said second platform into objects of said second platform.

38. (New) The system of claim 35, wherein said translator module is configured for performing the operations of:

writing a start document;

reading the respective objects properties through said reflection framework;

writing the property name and value if said property is basic type,

writing the property name and calling recursively if said property is object type;
and
writing the property name and value of all components if said property is array
type.

39. (New) The system of claim 37, wherein said re-translator module is
configured for performing the operations of:

resolving a class name from a document name;
creating an object of said second platform and pushing it on a stack; and
either pushing the XML content on stack or pushing a new object on stack after
getting the property type of object on stack; or
popping a value and assigning it to a top object.

40. (New) The system of claim 35, wherein at least one of said first and
second platforms is a Java platform.

41. (New) The system of claim 35, wherein at least one of said first and
second platforms is a .Net platform.

42. (New) The system of claim 35, wherein said asynchronous delivery facility
is a peer-to-peer delivery facility.

43. (New) The system of claim 35, wherein said asynchronous delivery facility
is TCP.

44. (New) The system of claim 35, wherein said asynchronous delivery facility
is UDP.

45. (New) The system of claim 35, wherein said second platform comprises:

at least one connector of said delivery facility as well as a set of worker threads for carrying out the requested operations; and

a reactor function for decoupling said at least one connector from said set of worker threads.

46. (New) A computer program product capable of being loaded in the memory of at least one computer and comprising software code portions for performing the steps of the method of any one of claims 24 to 34.